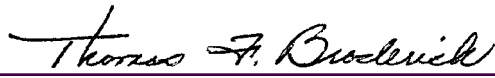


ENGINEERING DIRECTIVE

Chief Engineer

TEMPORARY PRECAST CONCRETE MEDIAN BARRIER

The 1996 Metric Edition Construction and Traffic Standard Details and the 1977 [English Edition] Construction Standards are amended with the following new drawings (attached):

- M/E 403.1 PRECAST PORTABLE CONCRETE BARRIER, Page 1 of 3
- M/E 403.2 PRECAST PORTABLE CONCRETE BARRIER, Page 2 of 3
- M/E 403.3 PRECAST PORTABLE CONCRETE BARRIER, Page 3 of 3

These drawings have been issued to meet the requirements of NCHRP 350 and the Federal Highway Administration.

The implementation schedule for use of this barrier is as follows:

Projects advertised before October 1, 2002

Contractors may continue to purchase and use Temporary Precast Concrete Median Barrier (Item 853.2) that conforms with Construction Standards Drawings M/E 401.15.1 and 401.15.2.

Projects advertised on or after October 1, 2002

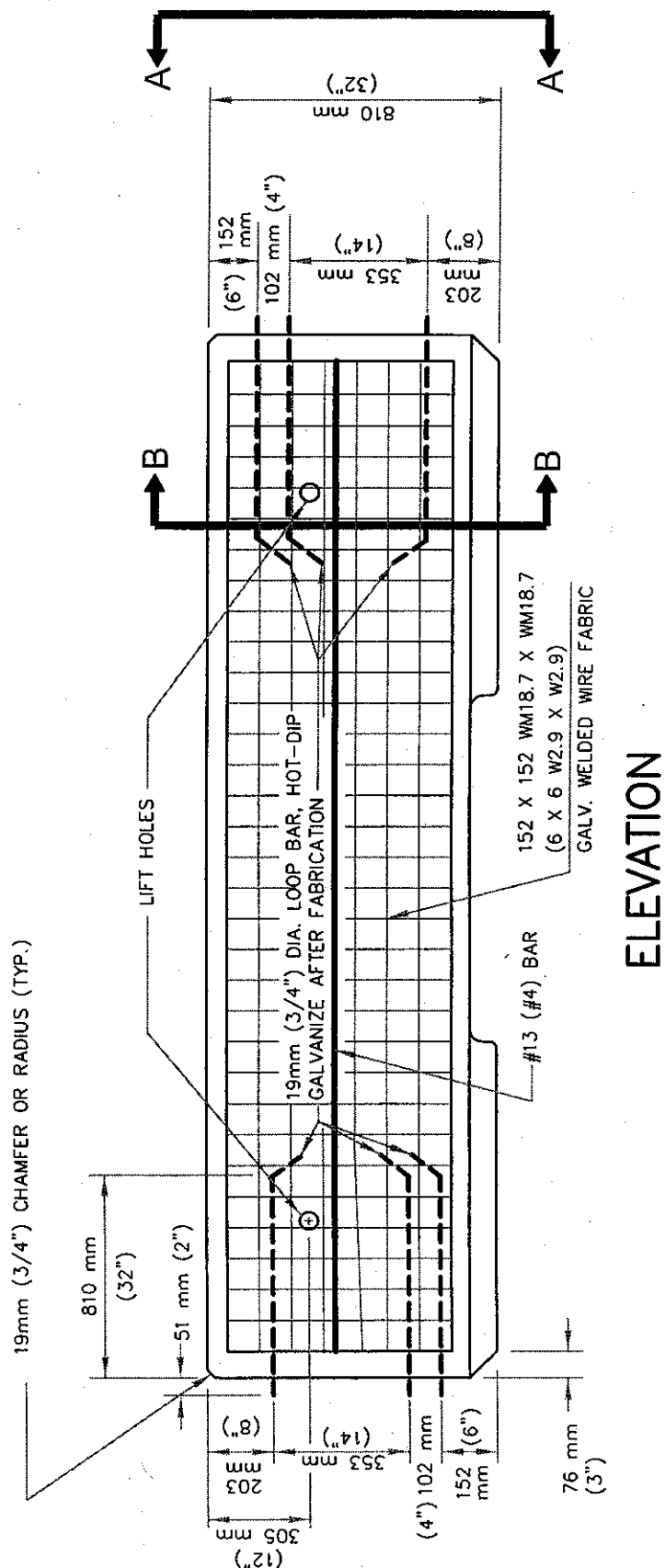
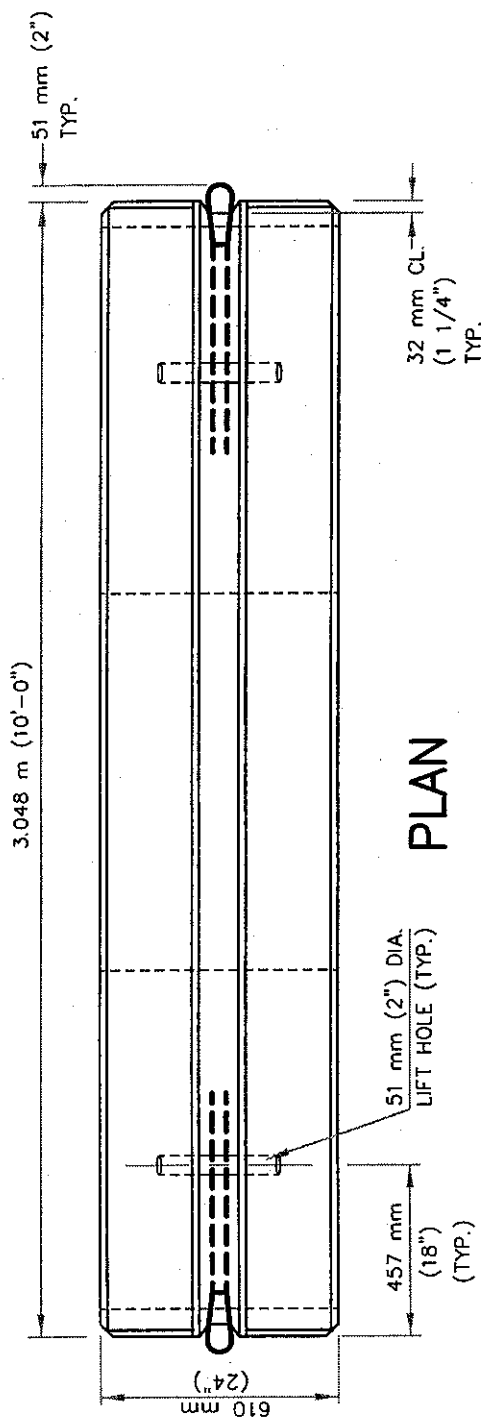
All new barrier purchased by contractors for use as Temporary Precast Concrete Median Barrier (Item 853.2) shall conform with Construction Standards Drawings M/E 403.1, M/E 403.2 and M/E 403.3.

Existing Temporary Precast Concrete Median Barrier conforming with Construction Standards Drawings M/E 401.15.1 and M/E 401.15.2 that was purchased by contractors prior to October 1, 2002, may still be used if found by the Engineer to be in good condition. Barrier found by the Engineer not to be in good condition shall be permanently removed from use.

Different types of precast concrete median barrier may not be used interchangeably in continuous runs of temporary barrier.

Attachments:

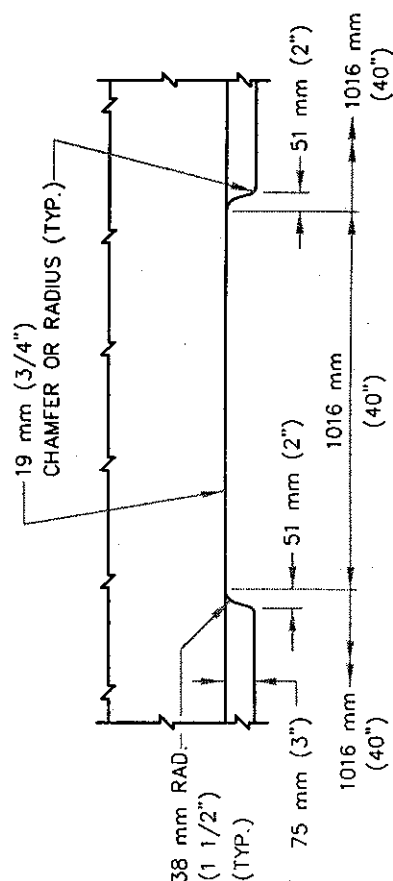
Distribution: x **Please post:** **Do not post:**



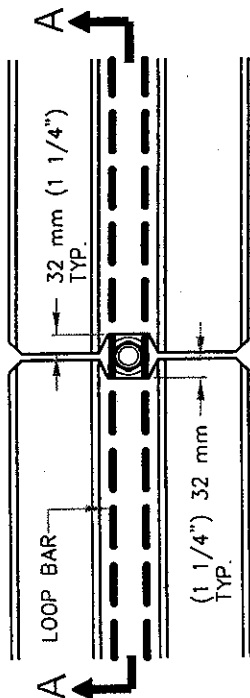


GENERAL NOTES

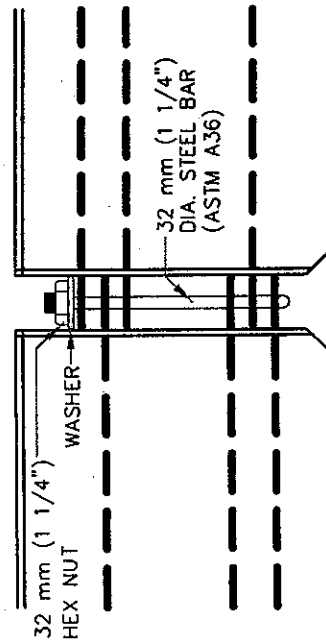
1. ALL WELDED WIRE FABRIC, BARS, HOOP BARS AND PIN ASSEMBLIES ARE TO BE HOT-DIP GALVANIZED AFTER FABRICATION.
2. HOT-DIP GALVANIZED TREATMENTS ARE TO CONFORM TO MASSACHUSETTS HIGHWAY STANDARD SPECIFICATIONS M7.10.0 AND AASHTO M111.
3. CEMENT CONCRETE IS TO CONFORM TO MASSACHUSETTS HIGHWAY STANDARD SPECIFICATIONS M4.02.00.
CEMENT CONCRETE IS TO BE 35 MPa, 19mm (5000 PSI, 3/4") CONCRETE.



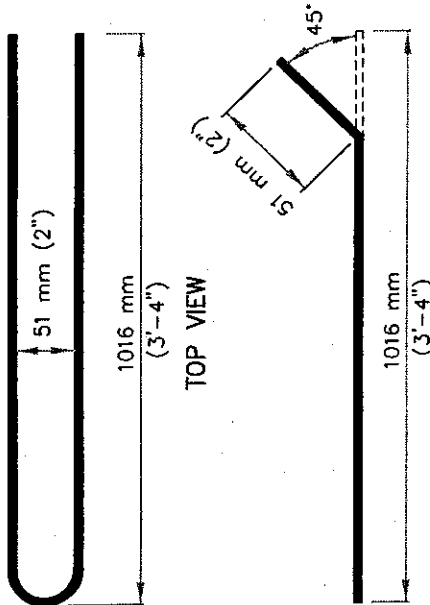
ELEVATION DETAIL OF DRAINAGE SLOT



PLAN OF CONNECTION

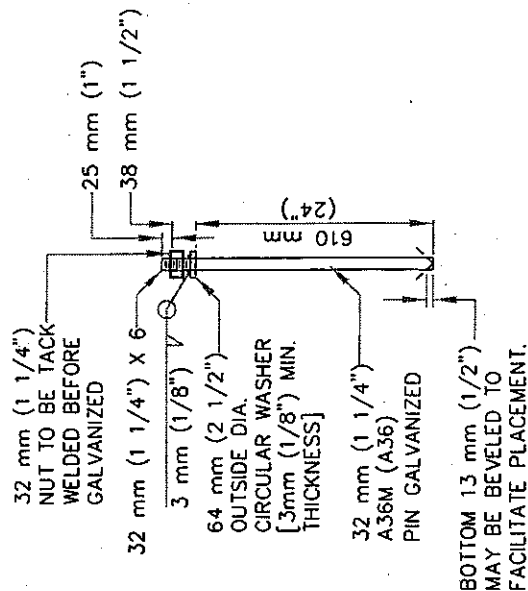


SECTION A-A



SIDE VIEW
LOOP BAR
19 mm (3/4") DIA. A36M (A36)

REINFORCEMENT DETAIL



CONNECTOR PIN ASSEMBLY